

REMARKS

The present remarks supplement the remarks set forth in the Amendment and Response dated May 2, 2006. In the concluding remarks made on page 15 of such Amendment and Response, it was respectfully submitted that the discussion of '427 therein clearly indicates that (1) the applications on the hosting servers are separate from the replication service, (2) the replication servers do not act in response to application-specific policies of the application objects hosted on the hosting servers, (3) the structure of the replication servers is not part of the applications hosted on the hosting servers, and (4) no control function of the replication service is part of any application hosted by the hosting servers.

However, those remarks did not expressly refer to the Abstract of '427. In this regard, on Office Action page 5, line 2, (re claim 7) reference is made to "(Abstract)" as support for teaching of an application having application-specific policies. No specific relation to '427 or 8213 was made. To avoid any misunderstandings with respect to '427 or 8213, reference is made to the '427 and 8213 Abstracts. It is respectfully submitted that the '427 Abstract does not teach the asserted "application having application-specific strategies for use in a JAVA environment...". In detail, the Abstract of '427 is as follows:

A system an [sic] method for efficiently providing access by a large number of clients to objects located at a large number of information servers. A non-bottleneck solution is provided to sharing load among servers by migrating or replicating objects over from highly loaded servers to less highly loaded servers. Objects that experience low loading are deleted to make room for more highly used objects and to permit make space for new objects. A naming service is provided to provide rapid access to a replica of a [sic] requested objects, while avoiding directing access requests to servers from which replicas of requested objects have been deleted. Hierarchical ordering of replication and naming functions permits a variety of particular access methods to be realized.

Taking the '427 Abstract sentence by sentence, sentence 1 refers to clients, objects, and servers for the objects. This does not indicate that the servers for the objects have application-specific strategies. Sentence 2 refers to load sharing among the servers, but does not indicate that the migration or replication of objects is based on application-specific strategies of a host application on any such server. Sentence 3 refers to deleting low loading objects, but this does not indicate that the deleting of those objects is pursuant to an application-specific strategy. Sentence 4 refers to a naming service, and again, this does not indicate that the servers for the objects have application-specific strategies. Sentence 5 refers to hierarchical ordering of replication and naming functions. This does not indicate that the servers for the objects have application-specific strategies, nor that any of the replication or naming functions is part of an application and operates per application-specific strategies.

In review, the '427 Abstract does not provide any reason for changing the prior conclusion asserted in the prior Amendment and Response, that, even if combined, the combined references would not teach the claimed inventions.

On Office Action page 5, line 2, (re claim 7) reference was made to “(Abstract)”, but no specific relation to '427 or 8213 was made. In the event that the 8213 Abstract was intended, reference is made to the 8213 Abstract. In general, that Abstract does not change the teachings of 8213 discussed in the prior Amendment and Response. In sentence 1, general resource lease management is described. In sentence 2, the requestor makes a lease request. That requestor and a resource manager appear to be separate, and not in one application. Sentences 3 – 5 do not describe that the lease request from the requestor specifies the “logical circuit of resources” that the resource manager uses. Rather, the resource manager defines the “logical circuit of resources” because it is stated in sentence 3 that “a” “logical circuit of resources” is the circuit for which many leases are secured.

Further, sentence 6 makes it clear that, as described in the prior Amendment and Response, there is in 8213 a system management framework to manage the resources in the managed region, and that system management adjusts a pending lease, terminates a lease, etc.

Sentence 6 is consistent with the prior remarks referencing 8213 at paragraph 0075. 8213 states that the application “requires some type of insulation from the specifics of the operations of the gateways” that implement requests from the application for use of resources. Sentence 6 is consistent with the prior assertion that there is no claimed application-specific policy in the 8213 application, e.g., at paragraph 0075 stating that the NELS (and thus not an application-specific policy) “balance[s] the load between the gateways to handle resources...”.

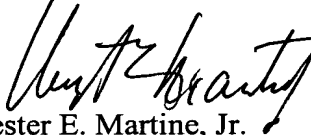
Sentence 6 is also consistent with 8213 at paragraph 0096. There, it is stated that “a system or network administrator may predetermine certain criteria to be applied to the resources that impinge on the availability of the particular resources for certain users during certain schedules.” In impinging on the availability of resources for a certain user (i.e., application), it is the system or administrator, and not the application (user), that defines the policy for resource availability. Moreover, sentence 6 is consistent with 8213 at paragraph 0109, where it is said that the gateway, and not a claimed application-specific policy, “determines whether or not the lease should be terminated...” (step 794), and if so, “...then the application is notified...”. Alternatively, when the lease is not terminated, paragraph 0126 makes it clear that the 8213 application does not control altering “the manner in which active action objects” are successfully completed.

In review, it is respectfully submitted that the 8213 Abstract does not provide any reason for changing the prior conclusion asserted in the prior Amendment and Response, that, even if combined, the combined references would not teach the claimed inventions.

In view of these supplemental remarks and the remarks in the prior Amendment and Response, all of which are filed before expiration of the period for response to the Office Action of 2/27/06, Applicants respectfully submit that all the pending claims 1-8, and 10-20 are in condition for allowance. Accordingly, a Notice of Allowance is respectfully requested.

Respectfully submitted,

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